

PATENT ABSTRACTS OF JAPAN

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(57)Abstract:

PURPOSE: A carcinostatic having low side effects such as bone marrow suppression, etc., exhibiting a carcinostatic action in a wide range, easily water-soluble, capable of being processed into various kinds of drug forms, having low toxicity, comprising bredinin, a nucleotide antibiotic, as a main ingredient.

CONSTITUTION: A carcinostatic comprising 4-carbamoyl-1-β-D-ribofuranosyl imidazolium-5-oleate shown by the formula or its salt as main ingredient. The compound shown by the formula exhibits a carcinostatic action not only on a heterotypic tumor such as Ehrlich carcinoma but also on a homotypic tumor such as mouse leukemia p 388, Lewis lung cancer, etc. which has been regarded as a slightly curable disease, by inventing a medication method such as oral medication or frequent continuous medication. High safety is observed by acute toxic test, the carcinostatic can stand a long-term use since it has very low bone marrow suppression which is found in a carcinostatic in wide use. In medication, a proper period of the stop of administration is provided, and continuous medication is carried out, to reduce the disorder degree of a host and to exhibit an extremely carcinostatic effect.

